

Message Text

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EUR/RPM:ECAMPBELL

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FM SECSTATE WASHDC

TO AMEMBASSY BONN

INFO USMISSION NATO

AMCONSUL FRANKFURT

UNCLAS STATE 030972

E.O.: 11652: N/A

TAGS: CCMS, ENRG

SUBJECT: CCMS: FRG INDUSTRY PARTICIPATION IN PVC ENERGY DATA BASE
PROJECT

1. APPRECIATE IF EMBASSY BONN WOULD TRANSMIT FOLLOWING TELEGRAM TO
DR. MUNDE OF VERBAND DER CHEMISCHEN INDUSTRIE E.V. WITH COPIES TO
DR. HELMUT KLEIN (TECHMIN) AND MR. DIETER HOFFMAN (ECONMIN).

2. BEGIN TEXT: THE US INDUSTRIAL ENERGY DATA BASE STEERING GROUP
HAS CAREFULLY READ YOUR LETTER OF JANUARY 16, 1976, TO DR. LEONARDO
BIONDI OF MONTEDISON (ITALY). WE WERE, OF COURSE, DISAPPOINTED,
AND ARE AFRAID THAT YOUR COMMENTS WERE BASED ON A MISUNDERSTANDING
OF THE PROPOSED ENERGY DATA BASE PROGRAM.

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THE GENERAL VIEWPOINT OF THE LETTER, THAT ENERGY CONSUMPTION IN EXISTING OR NEW PROCESSES CAN BE MEASURED ONLY AGAINST A THEORETICAL, OPTIMAL PROCESS, IS NOT IN ACCORD WITH THOUGHTS EXPRESSED AND AGREED TO BY THE DELEGATES AT THE BONN CCMS MEETING. AT THAT MEETING,

IT WAS STRESSED THAT THE PURPOSE IN COMPILING A COMPREHENSIVE INTERNATIONAL INDUSTRIAL DATA BASE IS TO IDENTIFY AND ANALYZE SIGNIFICANT DIFFERENCES IN THE ACTUAL REPEAT ACTUAL ENERGY USE BETWEEN COUNTRIES FOR CORRESPONDING INDUSTRIAL PROCESSES. THE RESULT OF SUCH AN ANALYSIS WILL BE THE IDENTIFICATION OF AREAS IN WHICH TECHNOLOGY TRANSFER MAY BE USED AS A VEHICLE FOR IMPLEMENTATION OF ENERGY EFFICIENT TECHNOLOGY AND OPERATING PRACTICES.

TECHNOLOGY TRANSFER HAS THE ADVANTAGE OF POTENTIALLY RAPID IMPLEMENTATION AND CAN LEAD TO MAJOR SAVINGS OF TIME AND MONEY BY ELIMINATING UNNECESSARY INDUSTRIAL R AND D PROGRAMS OR GIVING THEM A MORE ADVANCED BASIS ON WHICH TO BEGIN. WE REALIZE, OF COURSE, THAT TECHNOLOGY TRANSFER OFTEN MEANS THE LICENSING OF TECHNOLOGY ON A COMMERCIAL BASIS; HOWEVER, THE PURPOSE OF THE CCMS PROJECT IS NOT TO OBTAIN COMMERCIAL CONFIDENTIAL INFORMATION, BUT TO INDICATE WHEREVER POSSIBLE THAT ENERGY CONSERVATIVE TECHNOLOGY IS IN FACT AVAILABLE IN THE INDUSTRIAL SECTOR.

FURTHERMORE, WE QUESTION YOUR SUGGESTION THAT ONLY A DATA BASE OF THEORETICAL ENERGY CONSUMPTION VALUES IS OF PRACTICAL SIGNIFICANCE. WE BELIEVE A DATA BASE CONSISTING OF ACTUAL INDUSTRY OPERATING DATA PROVIDES A YARDSTICK OF PROVEN TECHNOLOGY AGAINST WHICH EXISTING AND PROPOSED PROCESSES CAN BE EVALUATED AND JUDGED. IN FACT, OUR INDUSTRIAL EXPERIENCE INDICATES THIS IS ONE ASPECT OF THE PROCEDURE THAT COMPANIES GENERALLY UNDERGO TO SELECT A PROCESS FOR A PROPOSED PLANT.

YOUR COMMENTS RELATING TO THE DIAGRAMS AND FLOWSHEETS DISTRIBUTED AT THE BONN MEETING INDICATE A MISUNDERSTANDING. IT WAS AGREED AT THE MEETING THAT THE FLOWSHEETS ARE NOT DESIGNED TO BE REPRESENTATIVE OF EVERY EXISTING PROCESS SCHEME. INSTEAD, THEY ARE MEANT TO BE GENERALLY ILLUSTRATIVE OF THE PVC PRODUCTION SEQUENCE AND PROVIDE ONLY ONE EXAMPLE OF TYPICAL PROCESS ENERGY CONSUMPTION DATA. COMPILATION OF CORRESPONDING DATA FROM EACH PARTICIPATING COUNTRY WOULD CERTAINLY REFLECT THE EXISTENCE OF ALL PREVAILING UNCLASSIFIED

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ALTERNATIVES TO THE ONE EXAMPLE ILLUSTRATED. EFFORTS ARE CURRENTLY UNDERWAY IN ITALY, THE NETHERLANDS, UNITED KINGDOM, AND OTHER COUNTRIES, TO PROVIDE THIS DATA FOR OUR NEXT MEETING ON MARCH 1-2 AT THE NUCLEAR RESEARCH CENTER OF THE NETHERLANDS IN PETTEN (NEAR AMSTERDAM).

WITH RESPECT TO THE PROBLEM YOU RAISE REGARDING THE CONFIDENTIAL NATURE OF CERTAIN KINDS OF DATA WHICH PROHIBITS ITS DISCLOSURE,

I WOULD REPEAT THAT THE PURPOSE OF CCMS IS NOT TO COMPILE CONFIDENTIAL DATA. EACH PARTICIPANT HAS AGREED TO PROVIDE TYPICAL OR AVERAGE DATA FROM HIS OWN COUNTRY, AND FOR CASES WHERE INDIVIDUAL PROCESS DATA IS NOT AVAILABLE, IT WAS AGREED THAT TWO, THREE, OR MORE PROCESSES MAY BE COMBINED AND ONE FIGURE PRESENTED FOR THE TOTAL. IN FACT, A GLANCE AT THE USA SAMPLE PVC PRODUCTION FLOW DIAGRAM WILL REVEAL THAT INDIVIDUAL PROCESS ENERGY CONSUMPTIONS WERE NOT AVAILABLE FOR ETHYLENE CHLORINATION, OXYCHLORINATION, AND EDC PYROLYSIS, AND THESE THREE PROCESSES WERE COMBINED INTO ONE FOR THE PURPOSES OF ENERGY REPORTING.

THE OBJECTIVES OF THE CCMS DATA BASE PROJECT ARE THE FOLLOWING:

A. TO COLLECT DATA, IN COMPARABLE FORMAT AND FOR CORRESPONDING MANUFACTURING SYSTEMS, ON ACTUAL INDUSTRIAL ENERGY CONSUMPTION FOR SPECIFIC INDUSTRIES FROM PARTICIPATING NATIONS.

B. TO IDENTIFY AND ANALYZE ANY SIGNIFICANT DIFFERENCES IN ENERGY USE BETWEEN NATIONS FOR CORRESPONDING INDUSTRIES, AND THEREBY DEVELOP RECOMMENDATIONS ON ENERGY EFFICIENT TECHNOLOGY AND OPERATING PRACTICES ALREADY IN EFFECT IN CERTAIN NATIONS, WHICH COULD BE ADOPTED IN OTHER NATIONS IN THE SHORT TO MEDIUM TERM.

C. FROM THE COMPARISON AND ANALYSIS OF ENERGY CONSUMPTION DATA, DEVELOP RECOMMENDATIONS FOR PLANT DEMONSTRATIONS AND RESEARCH AND DEVELOPMENT OF LONGER RANGE ENERGY EFFICIENT TECHNOLOGY IN MAJOR INDUSTRIAL SECTORS.

D. TO ENCOURAGE THE DEVELOPMENT AND MARKETING OF ENERGY EFFICIENT PROCESSES THROUGH REPORTS, LICENSES OR DIRECT INVESTMENTS.

WE EXPECT THAT THE KIND OF DATA REQUESTED FOR THE DATA BASE IS RELATIVELY EASY TO COMPILE FOR THE FEDERAL REPUBLIC OF GERMANY.
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THESE DATA ARE GENERALLY AVAILABLE IN ANNUAL GOVERNMENT OR INDUSTRIAL STATISTICAL REPORTS. AS A MATTER OF FACT, THESE DATA ARE OFTEN THE SUBJECT OF JOURNAL ARTICLES, PARTICULARLY FOR THE PURPOSE OF PRESENTING DEVELOPMENTS IN INDUSTRIAL ENERGY CONSIDERATION TO THE REST OF THE WORLD. IT IS GENERALLY THE CASE THAT THE DEVELOPER

OF ENERGY CONSERVATIVE TECHNOLOGY TAKES EXTREME PRIDE IN PRESENTING NEW DEVELOPMENTS OR TECHNIQUES IN THE OPEN LITERATURE.

I SINCERELY HOPE YOU WILL RECONSIDER THE PARTICIPATION OF THE FEDERAL REPUBLIC OF GERMANY CHEMICAL INDUSTRY ASSOCIATION IN THE DATA BASE PROJECT ON PLASTICS. I WOULD WELCOME YOUR ATTENDANCE OR A DESIGNEE FROM THE VERBAND DER CHEMISCHEN INDUSTRIE E.V. AS AN OBSERVER AT THE UPCOMING PETTEN MEETING. YOURS TRULY,
F. ALLEN HARRIS, UNITED STATES COORDINATOR FOR CCMS ACTIVITIES.

END TEXT.

3. FOR BONN - APPRECIATE IF SCIENCE COUNSELOR WOULD FOLLOW UP WITH
FRG OFFICIALS AND CHEMICAL ASSOCIATION AS APPROPRIATE. DR.
MUNDE'S ADDRESS IS VERBAND DER CHEMISCHEN INDUSTRIE E.V., 6
FRANKFURT AM MAIN, KARLSTRASSE 21, FRG. SISCO

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